

Please type a plus sign (+) inside this box → **[+]**

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 030729.SU (15819-125)

First Inventor Douglas Chiang, et al.

Title COMBINATION OF CRANK AND AXLE IN BOTTOM BRACKET

Express Mail Label No. EV 306108180 US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2.  Applicant claims small entity status.  
See 37 CFR 1.27.
3.  Specification [Total Pages 7]  
(preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawing(s) (35 U.S.C. 113) [Total Sheets 6 ]
5. Oath or Declaration [Total Pages 1 ]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)
    - i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6.  Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a.  Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statements verifying identity of above copies

## ACCOMPANYING APPLICATIONS PARTS

9.  Assignment Papers (cover sheet & document(s))
10.  37 C.F.R. §3.73(b) Statement  Power of (when there is an assignee) Attorney
11.  English Translation Document (if applicable)
12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15.  Certified Copy of Priority Document(s) (if foreign priority is claimed)
16.  Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17.  Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation  Divisional  Continuation-in-part (CIP)

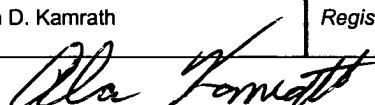
of prior application No: \_\_\_\_\_ / \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Group / Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 17. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label	(Insert Customer No. or Attach bar code label here)			or <input checked="" type="checkbox"/> Correspondence address below
Name	Alan D. Kamrath Rider Bennett, LLP			
Address	333 South Seventh Street, Suite 2000			
City	Minneapolis	State	Minnesota	Zip Code
Country	USA	Telephone	(612) 340-8925	Fax (612) 340-7900

Name (Print/Type)	Alan D. Kamrath	Registration No. (Attorney/Agent)	28,227
Signature			Date August 18, 2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 415)

Complete If Known	
Application Number	
Filing Date	August 18, 2003
First Named Inventor	Douglas Chiang, et al.
Examiner Name	
Group / Art Unit	

Attorney Docket No. 030729.SU (15819-125)

METHOD OF PAYMENT (check one)					FEE CALCULATION (continued)																																																																																																																																																																																																						
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number <input type="text" value="501188"/></p> <p>Deposit Account Name <input type="text" value="Rider, Bennett, Egan &amp; Arundel, LLP"/></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p>					<p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Large Entity Fee Code</th> <th>Fee (\$)</th> <th>Small Entity Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td><input type="text"/></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet.</td><td><input type="text"/></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td><input type="text"/></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td><input type="text"/></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td><input type="text"/></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td><input type="text"/></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td><input type="text"/></td></tr> <tr><td>116</td><td>410</td><td>216</td><td>205</td><td>Extension for reply within second month</td><td><input type="text"/></td></tr> <tr><td>117</td><td>930</td><td>217</td><td>465</td><td>Extension for reply within third month</td><td><input type="text"/></td></tr> <tr><td>118</td><td>1,450</td><td>218</td><td>725</td><td>Extension for reply within fourth month</td><td><input type="text"/></td></tr> <tr><td>128</td><td>1,970</td><td>228</td><td>985</td><td>Extension for reply within fifth month</td><td><input type="text"/></td></tr> <tr><td>119</td><td>320</td><td>219</td><td>160</td><td>Notice of Appeal</td><td><input type="text"/></td></tr> <tr><td>120</td><td>320</td><td>220</td><td>160</td><td>Filing a brief in support of an appeal</td><td><input type="text"/></td></tr> <tr><td>121</td><td>280</td><td>221</td><td>140</td><td>Request for oral hearing</td><td><input type="text"/></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td><input type="text"/></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive – unavoidable</td><td><input type="text"/></td></tr> <tr><td>141</td><td>1,300</td><td>241</td><td>650</td><td>Petition to revive – unintentional</td><td><input type="text"/></td></tr> <tr><td>142</td><td>1,300</td><td>242</td><td>650</td><td>Utility issue fee (or reissue)</td><td><input type="text"/></td></tr> <tr><td>143</td><td>470</td><td>243</td><td>235</td><td>Design issue fee</td><td><input type="text"/></td></tr> <tr><td>144</td><td>630</td><td>244</td><td>315</td><td>Plant issue fee</td><td><input type="text"/></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td><input type="text"/></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Processing fee under 37 CFR 1.17 (q)</td><td><input type="text"/></td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td><input type="text"/></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td><input type="text"/></td></tr> <tr><td>146</td><td>750</td><td>246</td><td>375</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td><input type="text"/></td></tr> <tr><td>149</td><td>750</td><td>249</td><td>375</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td><input type="text"/></td></tr> <tr><td>179</td><td>750</td><td>279</td><td>375</td><td>Request for Continued Examination (RCE)</td><td><input type="text"/></td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td><td><input type="text"/></td></tr> <tr> <td colspan="5">Other fee (specify) _____</td> <td colspan="5"></td> </tr> <tr> <td colspan="5">*Reduced by Basic Filing Fee Paid</td> <td colspan="5">SUBTOTAL (3) (\$ 40)</td> </tr> </tbody> </table>					Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath	<input type="text"/>	127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	<input type="text"/>	139	130	139	130	Non-English specification	<input type="text"/>	147	2,520	147	2,520	For filing a request for reexamination	<input type="text"/>	112	920*	112	920*	Requesting publication of SIR prior to Examiner action	<input type="text"/>	113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	<input type="text"/>	115	110	215	55	Extension for reply within first month	<input type="text"/>	116	410	216	205	Extension for reply within second month	<input type="text"/>	117	930	217	465	Extension for reply within third month	<input type="text"/>	118	1,450	218	725	Extension for reply within fourth month	<input type="text"/>	128	1,970	228	985	Extension for reply within fifth month	<input type="text"/>	119	320	219	160	Notice of Appeal	<input type="text"/>	120	320	220	160	Filing a brief in support of an appeal	<input type="text"/>	121	280	221	140	Request for oral hearing	<input type="text"/>	138	1,510	138	1,510	Petition to institute a public use proceeding	<input type="text"/>	140	110	240	55	Petition to revive – unavoidable	<input type="text"/>	141	1,300	241	650	Petition to revive – unintentional	<input type="text"/>	142	1,300	242	650	Utility issue fee (or reissue)	<input type="text"/>	143	470	243	235	Design issue fee	<input type="text"/>	144	630	244	315	Plant issue fee	<input type="text"/>	122	130	122	130	Petitions to the Commissioner	<input type="text"/>	123	50	123	50	Processing fee under 37 CFR 1.17 (q)	<input type="text"/>	126	180	126	180	Submission of Information Disclosure Stmt	<input type="text"/>	581	40	581	40	Recording each patent assignment per property (times number of properties)	<input type="text"/>	146	750	246	375	Filing a submission after final rejection (37 CFR § 1.129(a))	<input type="text"/>	149	750	249	375	For each additional invention to be examined (37 CFR § 1.129(b))	<input type="text"/>	179	750	279	375	Request for Continued Examination (RCE)	<input type="text"/>	169	900	169	900	Request for expedited examination of a design application	<input type="text"/>	Other fee (specify) _____										*Reduced by Basic Filing Fee Paid					SUBTOTAL (3) (\$ 40)				
Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																						
105	130	205	65	Surcharge - late filing fee or oath	<input type="text"/>																																																																																																																																																																																																						
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	<input type="text"/>																																																																																																																																																																																																						
139	130	139	130	Non-English specification	<input type="text"/>																																																																																																																																																																																																						
147	2,520	147	2,520	For filing a request for reexamination	<input type="text"/>																																																																																																																																																																																																						
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	<input type="text"/>																																																																																																																																																																																																						
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	<input type="text"/>																																																																																																																																																																																																						
115	110	215	55	Extension for reply within first month	<input type="text"/>																																																																																																																																																																																																						
116	410	216	205	Extension for reply within second month	<input type="text"/>																																																																																																																																																																																																						
117	930	217	465	Extension for reply within third month	<input type="text"/>																																																																																																																																																																																																						
118	1,450	218	725	Extension for reply within fourth month	<input type="text"/>																																																																																																																																																																																																						
128	1,970	228	985	Extension for reply within fifth month	<input type="text"/>																																																																																																																																																																																																						
119	320	219	160	Notice of Appeal	<input type="text"/>																																																																																																																																																																																																						
120	320	220	160	Filing a brief in support of an appeal	<input type="text"/>																																																																																																																																																																																																						
121	280	221	140	Request for oral hearing	<input type="text"/>																																																																																																																																																																																																						
138	1,510	138	1,510	Petition to institute a public use proceeding	<input type="text"/>																																																																																																																																																																																																						
140	110	240	55	Petition to revive – unavoidable	<input type="text"/>																																																																																																																																																																																																						
141	1,300	241	650	Petition to revive – unintentional	<input type="text"/>																																																																																																																																																																																																						
142	1,300	242	650	Utility issue fee (or reissue)	<input type="text"/>																																																																																																																																																																																																						
143	470	243	235	Design issue fee	<input type="text"/>																																																																																																																																																																																																						
144	630	244	315	Plant issue fee	<input type="text"/>																																																																																																																																																																																																						
122	130	122	130	Petitions to the Commissioner	<input type="text"/>																																																																																																																																																																																																						
123	50	123	50	Processing fee under 37 CFR 1.17 (q)	<input type="text"/>																																																																																																																																																																																																						
126	180	126	180	Submission of Information Disclosure Stmt	<input type="text"/>																																																																																																																																																																																																						
581	40	581	40	Recording each patent assignment per property (times number of properties)	<input type="text"/>																																																																																																																																																																																																						
146	750	246	375	Filing a submission after final rejection (37 CFR § 1.129(a))	<input type="text"/>																																																																																																																																																																																																						
149	750	249	375	For each additional invention to be examined (37 CFR § 1.129(b))	<input type="text"/>																																																																																																																																																																																																						
179	750	279	375	Request for Continued Examination (RCE)	<input type="text"/>																																																																																																																																																																																																						
169	900	169	900	Request for expedited examination of a design application	<input type="text"/>																																																																																																																																																																																																						
Other fee (specify) _____																																																																																																																																																																																																											
*Reduced by Basic Filing Fee Paid					SUBTOTAL (3) (\$ 40)																																																																																																																																																																																																						
<p>2. EXTRA CLAIM FEES</p> <table border="1"> <thead> <tr> <th>Total Claims</th> <th>Large Entity Fee Code</th> <th>Small Entity Fee Code</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Independent Claims</td> <td>6</td> <td>201</td> <td>-20 **</td> <td>= 0</td> <td>X 0 = 0</td> </tr> <tr> <td>Multiple Dependent</td> <td>2</td> <td>204</td> <td>-3 **</td> <td>= 0</td> <td>X 0 = 0</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td>= 0</td> </tr> </tbody> </table>					Total Claims	Large Entity Fee Code	Small Entity Fee Code	Extra Claims	Fee from below	Fee Paid	Independent Claims	6	201	-20 **	= 0	X 0 = 0	Multiple Dependent	2	204	-3 **	= 0	X 0 = 0					X	= 0	<p>SUBTOTAL (1) (\$ 375)</p> <p>SUBTOTAL (2) (\$ 0)</p>																																																																																																																																																																														
Total Claims	Large Entity Fee Code	Small Entity Fee Code	Extra Claims	Fee from below	Fee Paid																																																																																																																																																																																																						
Independent Claims	6	201	-20 **	= 0	X 0 = 0																																																																																																																																																																																																						
Multiple Dependent	2	204	-3 **	= 0	X 0 = 0																																																																																																																																																																																																						
				X	= 0																																																																																																																																																																																																						
**or number previously paid, if greater; For Reissues, see above																																																																																																																																																																																																											

SUBMITTED BY		Complete (if applicable)			
Name (Print/Type)	Alan D. Kamrath	Registration No. Attorney/Agent)	28,227	Telephone	612-340-8925
Signature				Date	August 18, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.